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| Class                | Subclass |
| ISSUE CLASSIFICATION |          |

PATENT NUMBER

# U.S. UTILITY Patent Application

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| O.I.P.E.<br>AC Am <sup>2</sup> on AG | PATENT DATE |
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| APPLICATION NO.<br>09/699589 | CONT/PRIOR | CLASS<br>257 | SUBCLASS<br>78 | ART UNIT<br>2811<br>2814 | EXAMINER<br>A. Cristenaca |
|------------------------------|------------|--------------|----------------|--------------------------|---------------------------|

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TITLE

Bit line landing pad and borderless contact on bit line stud with localized etch stop layer formed in void region, and manufacturing method thereof

PTO-2040  
12/99

## ISSUING CLASSIFICATION

|   |                                     |           |                         |
|---|-------------------------------------|-----------|-------------------------|
| The term of this patent shall be the term of years beginning on the date of the issue of this patent and shall not extend beyond the expiration date of U.S. Patent No. | DRAWINGS                            |           | NOTICE OF<br>Amount Due |
|   | Sheet Draw                          | Fig. Draw |                         |
|   | (Assistant Examiner)                | (Date)    |                         |
|   | (Primary Examiner)                  | (Date)    |                         |
| <input type="checkbox"/> The terminal months of this patent have been disclaimed.   | (Legal Instruments Examiner) (Date) |           | ISSUE BATCH NUMBER      |

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